

ABSTRACT

Spot welding tongs for robotic applications in resistance welding of workpieces, in particular sheets, comprise tong arms, mounted such as to pivot on a base body. These tongs which may be adjusted and to which electrode holders for the electrodes are fixed and a winding device with a pay-out roller and a wind-in roller, for the winding in and out of a strip to protect at least one electrode. These spot welding tongs may be produced, in which access is not seriously affected and with a very simple and compact construction, whereby the pay-out roller and the wind-in roller of the winding device are arranged on the base body, or the tongs arm and at least one guide groove, for guiding the strip, is arranged in the tongs arm and/or the electrode holder.